JCO4 Rec'd PCT/PTO 15 NOV 2005 PCT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.

10/553,689

Applicant (s)

10/333,007

Filed

Stephanie M. Whited, et al. April 7, 2004

TC/A.U.

unknown

Examiner

unknown

Docket No.

63126A

Customer No.

35503

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL WITH SUFFICIENT POSTAGE IN AN ENVELOPE ADDRESSED TO: COMMISSIONER OF PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, ON:

November 11, 2005

Melissa Van Meter

PRINT OR TYPE NAME\_OF PERSON SIGNING CERTIFICATE

SIGNATURE OF PERSON SIGNING CERTIFICATE

DATE OF SIGNATURE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

## INFORMATION DISCLOSURE STATEMENT

Pursuant to Applicant's duty of disclosure under 37 CFR §1.56, the Examiner's attention is directed to the information identified in the attached Form PTO/SB/08a.

The cited U.S. patents and patent application publications are listed on Form PTO/SB/08a. The Examiner is requested to review each reference and formulate his/her own understanding thereof.

Respectfully submitted,

Douglas W. Deline

Registration No. 29,146

Phone: 989-636-2938

P. O. Box 1967 Midland, MI 48641-1967

DND/mlv

document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>Form Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2



PTO/SB/08A (08-03)
Approved for use through 7/31/2006. OMB 0651-0031
U.S. Patent and Tradem ark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE aperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known			
Application Number	10/553,689		
Filing Date	April 7, 2004		
First Named Inventor	Whited et al.		
Art Unit	Not Assigned		
Examiner Name	Not Assigned		
Attorney Docket Number	63126A		

Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevan
Initials*	No. <sup>1</sup>	Number-Kind Code <sup>2</sup> (# known)	(MM-DD-YYYY)	Cited Document	Passages or Relevant Figures Appear
		US-4,302,565	11-24-1981	Goeke et al.	
		US-4,330,649	05-18-1982	Kioka et al.	
		US-4,442,276	04-10-1984	Kashiwa et al.	
		US-4,460,701	07-17-1984	Terano et al.	
		US-4,472,521	09-18-1984	Band	
		US-4,482,687	11-13-1984	Noshay et al.	
		US-4,508,842	04-02-1985	Beran et al.	
		US-4,535,068	08-13-1985	Job	
		US-4,540,679	09-10-1985	Arzoumanidis et al.	
		US-4,547,476	10-15-1985	Terano et al.	
		US-4,548,915	10-22-1985	Goodall et al.	
		US-4,728,705	03-01-1988	Nestlerode et al.	
		US-4,816,433	03-28-1989	Terano et al.	
		US-4,829,037	05-09-1989	Terano et al.	
		US-4,927,797	05-22-1990	Ewen	
		US-4,990,479	02-05-1991	Ishimaru et al.	
		US-5,028,671	07-02-1991	Kioka et al.	
		US-5,034,361	07-23-1991	Job et al.	
		US-5,066,737	11-19-1991	Job	
		US-5,066,738	11-19-1991	Ewen	
		US-5,077,357	12-31-1991	Job	
		US-5,082,907	01-21-1992	Job	
		US-5,106,806	04-21-1992	Job	
		US-5,122,494	06-16-1992	Job	
		US-5,124,298	06-23-1992	Job	
		US-5,146,028	09-08-1992	Job	
		US-5,151,399	09-29-1992	Job	
		US-5,153,158	10-06-1992	Kioka et al.	
		US-5,229,342	07-20-1993	Job	
		US-5,247,031	09-21-1993	Kioka et al.	
		US-5,247,032	09-21-1993	Kioka et al.	
		US-5,290,745	03-01-1994	Jorgensen et al.	
		US-5,969,061	10-19-1999	Wonders et al.	
	$\neg \neg$	US-6,187,866	02-13-2001	Jorgensen et al.	
		US-6,248,831	06-19-2001	Maheshwari et al.	
		US-6,511,935	01-28-2003	Job	

Examiner	Date	
Signature	Considered	

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901,04. Enter Office that issued the

NOV 1 6 7005 E

PTO/SB/08A (08-03) Approved for use through 7/31/2006. OMB 0651-0031

U.S. Patent and Tradem ark Office; U.S. DEPARTMENT OF COMMERCE aperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 3

Complete if Known			
Application Number	10/553,689		
Filing Date	April 7, 2004		
First Names Inventor	Whited et al.		
Art Unit	Not Assigned		
Examiner Name	Not Assigned		
Attorney Docket Number	63126A		

Examiner	Cite	Document Number	Publication	Name of Patentee or Applicant	Pages, Columns, Lines, Where	TE
Initials*	No. <sup>1</sup>	Country Code <sup>3</sup> - Number-Kind Code <sup>5</sup> ( <i>if known</i> )	Date (MM-DD- YYYY)	of Cited Document	Relevant Passages or Relevant Figures Appear	
						$\perp \Box$
						ot
				1		

Examiner	Date	
		l l
Signature	Considered	
	 <del></del>	

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). Form Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2

PTO/SB/08A (08-03)

Approved for use through 7/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO **Application Number** 10/553,689 INFORMATION DISCLOSURE STATEMENT Filing Date April 7, 2004 **BY APPLICANT** First Named Inventor Whited et al. (Use as many sheets as necessary) Art Unit Not Assigned Examiner Name Not Assigned Sheet 3 63126A 3 Attorney Docket Numbe 63126A

		NON PATENT LITERATURE DOCUMENTS	
Examiner	Cite	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate) title of the item (book magazine	
Initials*	No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sub>6</sub>
	140.	, , , , , , , , , , , , , , , , , , , ,	
	}		
	]		
			-
	<b></b>		ļ
			<del>  </del>
İ			
			-
			ļ
			L
	لــــــــــا		J
Examiner			
cxaminer	1	Date	

Examiner Signature	Date Considered	
*Examiner: Initial if reference considered, whether or not citation is in conformation with MI	PEP 609. Draw line through citation if not in conformance and n	not considered. Include conv of this form with pay

communication to applicant. 1 Applicant's unique citation designation number (option). <sup>2</sup>Applicant is to place a check mark here in English language Translation is attached.

This collection of information is required 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.